

# METHOD FOR LUMINANCE COMPENSATION OF LIQUID CRYSTAL DISPLAY AND ITS DEVICE

Application No. 10/810,621

Inventor: Yih-Liang LU

Replacement Sheet

Dark level lookup table										
41	Initial gray level ( $X_1$ )	32	64	96	128	160	192	224	256	
43	Proportion array set ( $X_2$ )	38	73	107	141	175	208	241	273	
		44	82	119	155	189	224	257	290	
45		50	92	131	168	204	239	273	307	47
		54	98	138	176	212	248	282	316	
		57	102	142	181	218	254	289	322	
44		58	104	145	184	221	257	292	326	46
Bright level lookup table										
43'	Initial gray level ( $X_1$ )	768	800	832	864	896	928	960	992	
	Proportion array set ( $X_2$ )	757	790	822	855	888	921	955	989	
		747	780	813	846	880	914	949	985	
45'		737	770	804	838	872	907	944	982	47'
		727	760	794	829	864	900	938	978	
		717	751	785	820	856	893	932	974	
		708	742	776	812	848	886	927	970	
44'		698	733	767	803	841	879	921	966	46'

Fig. 4

Fig.4